

Art Unit: 2618

***Examiner's Amendment***

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Applicant's agent, Mr. Lee Jong, registration # 36,197 on 22 October 2008.

The application has been amended as follows:

Art Unit: 2618

LISTING OF CLAIMS:

Claims 1-8 (cancelled).

9. (Currently Amended) A device for wireless transmission of a deployment signal, the device being configured to transmit the deployment signal via a first path and a redundancy signal to the deployment signal via a second path, the device comprising: a primary side including two processors configured to exchange data with one another; and

a secondary side in communication with the primary side, the secondary side including two processors configured to exchange data with one another[.]; and

wherein the primary side further includes a first transceiver configured for wireless transmission connected to the two processors of the primary side, and wherein the secondary side includes a first transceiver block, the first transceiver block including a first of the two processors of the primary secondary side, the first transceiver block being connected to a first terminal of a triggering element, and wherein the secondary side further includes a second transceiver block, the second transceiver block including a second one of the two processors of the secondary side, the second transceiver block being connected to a second terminal of the triggering element.

10. (Previously Presented) The device as recited in claim 9, wherein the primary side is situated in a steering column and the secondary side is situated in a steering wheel.

11. (Previously Presented) The device as recited in claim 9, wherein the primary side is situated in a vehicle chassis and the secondary side is situated in a vehicle seat.

12. (Cancelled)

Art Unit: 2618

13. (Previously Presented) The device as recited in claim 42 1, wherein the wireless transmission is configured as an inductive transmission.

14. (Previously Presented) The device as recited in claim 42 1, wherein the first transceiver block is configured to receive the redundance signal via a first winding, and the second transceiver block is configured to receive the deployment signal via a second winding.

15. (Previously Presented) The device as recited in claim 14, wherein the first winding is assigned to a power transmitter, and the second winding is assigned to a data transmitter.

16. (Previously Presented) The device as recited in claim 42 1, wherein the first transceiver block is configured in such a way that the first transceiver block generates a supply voltage and closes a high-side switch when deployment occurs, and the second transceiver block is configured in such a way that the second transceiver block generates and monitors a power reserve and closes a low-side switch when deployment occurs.

### ***Drawings***

2. The drawings 1, 2 are objected to under 37 CFR 1.83(o) because they lack suitable descriptive legends, e.g. ITIC, DISLOW, DISHIGH, ECLK, SCON, VZP on figure 1 and typo error on Figure 2 regarding the abbreviation of “ER” instead of “Er” and the rectangular blocks around the elements IRHS and ITLS should be deleted in figure 2 as described in the specification.

3. Applicant’s agent agreed to correct them in order to avoid abandonment the application based on the phone interview on 22 October 2008. Any structural detail that is essential for a proper understanding of the disclosed invention should be shown in the drawing. MPEP § 608.02(d). Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as “amended.” If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either “Replacement Sheet” or “New Sheet” pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required

Art Unit: 2618

corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

### ***Reasons for Allowance***

4. The following is an examiner's statement of reasons for allowance:

5. The primary reason for allowance of the claims is based on the inclusion of the elements of *"a secondary side (Figure 2) in communication with the primary side (Figure 1), the secondary side including two processors (Figure 2, elements of  $\mu C$  in elements IRHS and ITLS) configured to exchanged data with one another"; and "wherein the primary side further includes a first transceiver (Figure 1, element of ITIC) configured for wireless transmission connected to the two processors (Figure 1, elements of SCON and  $\mu C$ ) of the primary side, and wherein the secondary side includes a first transceiver block (Figure 2, element of IRHS), the first transceiver block including a first (Figure 2, element of  $\mu C$ ) of the two processors of the secondary side, the first transceiver block being connected to a first terminal of a triggering element (Figure 2, element of Z), and wherein the secondary side further includes a second transceiver block (Figure 2, element of ITLS), the second transceiver block including a second one (Figure 2, element of  $\mu C$ ) of the two processors of the secondary side, the second transceiver block being connected to a second terminal of the triggering element (Figure 2, element of Z)" in claim 9 and of Applicant's remarks on pages 4-6 received on 29 September 2008.*

6. The prior art are silent of the element above as explained below:

Enders et al. US patent # 6,805,375 B2 is silent of the element of exchanging data with each other between two processors 2, 3 in secondary side 7 in Figures 1, 4.

Art Unit: 2618

Quigley et al. US patent # 6,253,131 B1 only discloses in Figure 3 that the processing unit 50 exchanges data with the bus interface transceiver 60 by element 68.

Ubelein et al. US patent # 6,515,377 B1 only discloses in Figure 5 that, *"The microcontroller IC1b can exchange data with other circuits or electronics, for example, with a central control module of a motor vehicle. The microcontroller IC1b is connected via a serial connection SPI with a shift register SR of the actuation circuit IC2b. The CAN-bus CAN, the signal line TxD and RxD, or the serial connection SPI can be destroyed in an emergency situation as a result of which the microcontroller IC1b and the actuation circuit IC1b initiate emergency operation. The data transmitted into the shift register SR for the input levels of the switch transistors SH, S1b, and S2b are stored in the memory SP (col. 8, lines 30-53)"*.

Bristow et al. US 2005/0197106 only discloses in Figure 6 that, *"Detector 604 is mounted to the user's vehicle to monitor various conditions of the vehicle. For example, monitoring the state of the ignition switch, door locks, and windows will provide information to determine if the vehicle is being stolen or vandalized. Monitoring other states of the vehicle, such as if the airbags have been deployed, provides information to determine if the vehicle has been in an accident. Detector 604 comprises processors 646 to process vehicle information and transceiver 648 that allows detector 604 to communicate with NOC 602 ([0101])"*.

Adamczyk et al. US 2006/0202819 only discloses in Figure 1 that, *"In an embodiment where MCD 200 is self-activated emergency signaling device, the device may be integral with vehicle 180 and may be triggered upon the occurrence of an*

Art Unit: 2618

*accident, a sudden impact, the deployment of an airbags, or other emergency situation involving the vehicle, for example, . In an embodiment, where MCD 200 is a cellphone, a speed-dial number may be used to activate the alert signal, or alternatively, the placing of an emergency 911 call may be used to activate the alert signal in addition to the placing of a call to 911 emergency personnel. Each cell site 110 contains a tower, an antenna, a radio transceiver and a base station controller (collectively 110) that manages, sends, and receives traffic to and from switch and distance MSC 140 [0011])”.*

7. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled “Comments on Statement of Reasons for Allowance.”

8. **Claims 9-11, 13-16 that are renumbered as 1-7 are allowed.**



Art Unit: 2618

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to HAI V. NGUYEN whose telephone number is (571)272-3901. The examiner can normally be reached on 6:00-3:30 Mon-Fri.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Duc M. Nguyen can be reached on 571-272-7503. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Hai V. Nguyen/  
Examiner, Art Unit 2618

/Duc Nguyen/  
Supervisory Patent Examiner, Art Unit 2618